

Claims:

1-21 (Canceled).

5           22. A wireless transmission system, comprising:  
a plurality of public access servers and at least one mobile terminal,  
wherein the mobile terminal is designed to upload/download content from one of said  
public access servers by means of a wireless transmission and the public download servers all  
operate with the same transmission frequency in a non-licensed band,  
10           wherein each public access server downloads/uploads content to mobile terminals  
only within a small localized area, and  
wherein there is no hand-over between adjacent public access servers.

23. The wireless transmission system according to claim 22, wherein the  
15           communication between the mobile terminal and respectively a public access server is free of  
charge.

24. The wireless transmission system according to claim 22, wherein the  
uploading/downloading of content is charged to the user of the mobile terminal.

20           25. The wireless transmission system according to claim 22, wherein  
said small localized area is within 20 meters of each public download server.

26. A method for uploading and/or downloading content from public access servers  
25           to/from mobile terminals over an air interface,

wherein the air interface uses a non-licensed frequency band and the transmission itself is free of charge,

wherein each public access server downloads/uploads content to/from a mobile terminal within a small localized area in the vicinity of that public access server, and

5 wherein there is no hand-over between adjacent public access servers.

27. The method according to claim 26, wherein the user of a mobile terminal is charged for uploading/downloading content.

10 28. The method according to claim 26, wherein a service provider is owner of at least one public access server.

29. The method according to claim 26, wherein the non-licensed frequency band is a 60 GHz band.

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30. The method according to claim 26, wherein the public access server is installed in a large hall environment.

31. The method according to claim 26, wherein the public access server is installed in  
20 public vehicles.

32. The method according to claim 26, wherein the public access server is installed facing sidewalks.

33. The method according to claim 26, wherein the public access server is installed at gas stations or traffic lights.

34 - 51. (Canceled)

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52. A wireless transmission system comprising:

a fixed hub connected to an information source, said fixed hub provided with a wide angle beam antenna; and

a hand-held mobile terminal provided with a narrow beam antenna,

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wherein content from said information source is downloaded to said mobile terminal via said fixed hub only within a small localized area of said fixed hub,

wherein said fixed hub is one of a plurality of fixed hubs, and

wherein there is no handover between said fixed hubs.

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53. The wireless transmission system according to claim 52, wherein the fixed hub is provided with an antenna with a kidney shaped beam in cross-section.

54. The wireless transmission system according to claim 53, wherein said antenna

is mounted on a ceiling, and said kidney shaped beam has a local minimum level in said cross

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section in a direction opposing said ceiling.

55. The wireless transmission system according to claim 52, wherein said small

localized area is within 20 meters of said fixed hub.

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56. (Canceled)

57. The wireless transmission system according to claim 52, wherein said fixed hub is further adapted to upload information from said mobile terminal.

5 58. The wireless transmission system according to claim 52, wherein said system is designed for the transmission of data in the 60 GHz range.

59. The wireless transmission system according to claim 52, wherein said information source is a broadband data highway, and said content includes video content.

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60. The wireless transmission system according to claim 52, wherein said content includes contents of news information centers.